

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: H. Michael SHEPARD, et al.

Title: ENZYME CATALYZED  
THERAPEUTIC  
COMPOUNDS

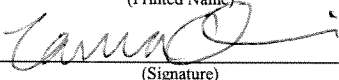
Appl. No.: 10/681,418

Filing Date: October 7, 2003

Examiner: Lawrence E. Crane

Art Unit: 1623

Confirmation Number: 7416

<b>CERTIFICATE OF ELECTRONIC TRANSMISSION</b> I hereby certify that this paper is being electronically transmitted to the United States Patent and Trademark Office, Alexandria, Virginia via EFS-Web on the date below.
Laura Davis (Printed Name)
 (Signature)
August 9, 2007 (Date of Transmission)

**AMENDMENT AND REPLY UNDER 37 CFR § 1.111**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment and Reply is responsive to the Non-Final Office Action issued April 10, 2007 by the U.S. Patent and Trademark Office in connection with the above-identified application. A response to this Action originally was due July 10, 2007. Enclosed with this Reply is a Petition for a One-Month Extension of Time and authorization to charge the amount of any fee due to the undersigned's Credit Card Account. In view of the filing of this Petition and payment of the fee, a reply is now due August 10, 2007. Accordingly this Amendment and Reply is timely filed.

**Amendments to the Claims** are reflected in the listing of claims which begins on Page 3 of this document.

**Remarks/Arguments** begin on Page 9 of this document.